PCT/EP2004/050036

filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another cliation or other special reason (as specified) *O* document reterring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed *C* document published prior to the international filing date but later than the priority date claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents is combined with one or more other such documents is combined inventive. **C* document or particular relevance; the claimed invention cannot be considered novel or cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone involve an inventive step when the document is cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone involve an inventive step when the document is cannot be considered to involve an inventive step when the document is cannot be considere				TC1/EF200	4/ 050036	
New Part of the Property of t	A. CLASS IPC 7	HO4Q7/36	•		·	
Internal documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fisics searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO—Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X	According t	to International Patent Classification (IPC) or to both national classif	ication and IPC		,	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic date base consulted during the international search (name of data base and, where practical, search terms used) EPO—Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No Y US 6 442 387 B1 (RYYNAENEN JARI ET AL) 27 August 2002 (2002–08–27) abstract column 1, line 37 -column 3, line 50 claims 2-7 figures 1,2A,2B -/ *Poccial categories of cited documents: **A document defining the general state of the ant which is not considered to be in periodical relevance in elevance in the filter document but published on or after the international filing date **C document which may throw doubts on priority, claimicip or other measure to distingt a column of the proprior of claims of search or other measure or other measure of prior to the international filing date but invention or other measure of priority claims and or a priority claims and one of the same potion it taken alone with the order and the following or invention or other measure or priority claims and or other measure of priority claims and or other measure or priority claims and or other measure of	B. FIELDS	SEARCHED	<u> </u>			
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO—Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 27 August 2002 (2002–08–27) y abstract column 1, line 37 —column 3, line 50 claims 2—7 figures 1,2A,2B —/— X Patent tamily members are listed in annax. *Special categories of cited documents: -/— *Special categories of cited documents: -/— **Special categories of cited documents: -/— **O document defining the general state of the ant which is not considered to be of particular relevance or international filing date or priority date and not in conflict with the application but considered to be of particular relevance. **Colument referring to an oral disclosure, use, exhibition or which is cited to enter the international filing date but she to the referring to an oral disclosure, use, exhibition or other remains and to international filing date but she priority claims of the properties of the comment of the com	Minimum de IPC 7	ocumentation searched (classification system followed by classification $H04Q$	ation symbols)			
EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X						
Category* Citation of document, with indication, where appropriate, of the relevant passages X US 6 442 387 B1 (RYYNAENEN JARI ET AL) 27 August 2002 (2002–08–27) abstract column 1, line 37 -column 3, line 50 claims 2-7 figures 1,2A,2B -/ *Special categories of cited documents: "A' document defining the general state of the art which is not considered to be of particular relevance earlier document which may throw doubte on priority claim(s) or clation or other special reason (as specified) "U document which may throw doubte on priority claim(s) or claim or other special reason (as specified) "O document relevance in the published prior to the international filing date to claim or other special reason (as specified) "O document relevance in the published prior to the international filing date to claim or other special reason (as specified) "O document relevance; the claimed invention cannot be considered nove or cannot be document is taken atone to document in second being obvious to a passon skilled in the art. Combination being obvious to a passon skilled in the art. Combination being obvious to a passon skilled in the art." & document member of the same patent family			ase and, where practical, :	search terms used)	
Category* Citation of document, with indication, where appropriate, of the relevant passages X US 6 442 387 B1 (RYYNAENEN JARI ET AL) 27 August 2002 (2002–08–27) abstract column 1, line 37 -column 3, line 50 claims 2-7 figures 1,2A,2B -/ *Special categories of cited documents: "A' document defining the general state of the art which is not considered to be of particular relevance earlier document which may throw doubte on priority claim(s) or clation or other special reason (as specified) "U document which may throw doubte on priority claim(s) or claim or other special reason (as specified) "O document relevance in the published prior to the international filing date to claim or other special reason (as specified) "O document relevance in the published prior to the international filing date to claim or other special reason (as specified) "O document relevance; the claimed invention cannot be considered nove or cannot be document is taken atone to document in second being obvious to a passon skilled in the art. Combination being obvious to a passon skilled in the art. Combination being obvious to a passon skilled in the art." & document member of the same patent family	C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		-		
X US 6 442 387 B1 (RYYNAENEN JARI ET AL) 27 August 2002 (2002–08–27) 3 abstract Column 1, line 37 -column 3, line 50 Claims 2-7 figures 1,2A,2B -/ *Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance to the claimed invention cannot be considered to be of particular relevance to the claimed invention cannot be considered to be of particular relevance, the claimed invention cannot be considered to be of particular relevance, the claimed invention cannot be considered to be one of particular relevance, the claimed invention cannot be considered to be one of particular relevance to the claimed invention cannot be considered to be one or more other such document is taken alone of the such document is combined with one or more other such document is taken alone to the combined with one or more other such document is taken alone to the combined with one or more other such document is taken alone to the combined with one or more other such document is taken alone to combined with one or more other such document is taken alone to combined with one or more other such document is taken alone to combined with one or more other such document is taken alone to the properties of the particular relevance to a person skilled in the alone of the same patent family			elevant passages		Relevant to claim No.	
Y abstract column 1, line 37 -column 3, line 50 claims 2-7 figures 1,2A,2B / *Special categories of cited documents: *A' document defining the general state of the art which is not considered to be of particular relevance in the profession date of another catalon or other special reason (as specified) *I' document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another catalon or other recans *P' document published prior to the international filing date but later than the priority date claimed. Filing date than the priority date of another cannot be considered to work or reference in the profession of the profession date of another cannot be considered to work or reference in the profession of the profession date of another cannot be considered to work or reference in the profession of the profession of the profession date of another cannot be considered to work or remains. **Columnent of particular relevance; the claimed invention cannot be considered to work or remove other such document of particular relevance; the claimed invention cannot be considered to work or remove other such document of particular relevance in the claimed invention cannot be considered to work or inventive step when the document is combined with one or more other such document to the other such document to the other box box to a person skilled in the ait. **Columnent of particular relevance; the claimed invention cannot be considered to work or inventive step when the document is combined with one or more other such document to the other box box to a person skilled in the ait. **Columnent of particular relevance; the claimed invention cannot be considered to work or inventive step when the document is combined with one or more other such document to the other document to the other box box to a person skilled in the ait.					nelevani to ciaim No.	
A document defining the general state of the an which is not considered to be of particular relevance The document which may throw double on priority claim(s) or which is clided to establish the publication date of another which is clided to establish the publication date of another challenge of the document referring to an oral disclosure, use, exhibition or other special reason (as specified) The document published prior to the international filing date but later than the priority date claimed. The document referring to an oral disclosure, use, exhibition or other means The document published prior to the international filing date but later than the priority date claimed. The document referring to an oral disclosure, use, exhibition or other means The document published prior to the international filing date but later than the priority date claimed. The document of particular relevance; the claimed invention cannot be considered to movine an inventive step when the document is taken alone when the document is taken alone when the document is taken alone in the art. The document member of the same patent family	X	US 6 442 387 B1 (RYYNAENEN JARI 27 August 2002 (2002-08-27)	ET AL)			
Column 1, line 37 -column 3, line 50 Claims 2-7 figures 1,2A,2B / X Further documents are listed in the continuation of box C. Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance in the companion of the continuation of the con	Υ	abstract			5,6,13,	
Further documents are listed in the continuation of box C. X Patent tamily members are listed in annex. *T later document published after the International filing date or priority date and not in conflict with the application but considered to be of particular relevance *E earlier document but published on or after the international filing date or document but published nor after the international filing date or priority date and not in conflict with the application but circle to understand the principle or theory underlying the invention or document which is clied to establish the publication date of another clatation or other special reason (as specified) *O document reterring to an oral disclosure, use, exhibition or other means *P document published prior to the international filing date but later than the priority date claimed *E document published prior to the international filing date but later than the priority date claimed *E document published prior to the international filing date but later than the priority date claimed *E document published after the international filing date or priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict with the application but cord priority date and not in conflict		claims 2-7	e 50		14	
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.			-/			
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	1			ļ		
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.					•	
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.						
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.						
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.		·				
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.						
*Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "D" document published prior to the international filing date but later than the priority date claimed "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no well or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered no involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.						
*A' document defining the general state of the art which is not considered to be of particular relevance *E' earlier document but published on or after the international filing date *L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claimton or other special reason (as specified) *O' document referring to an oral disclosure, use, exhibition or other means *P' document published prior to the international filing date but later than the priority date claimed *I' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. **A' document member of the same patent family			X Patent family me	mbers are listed in	annex.	
considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clatton or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "It document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "S" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	 Special cate 	egories of cited documents :	"T" later document publish	hed after the inter	national filing date	
filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another clatton or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone when the document is taken alone to involve an inventive step when the document is taken alone when the document is taken alone wh	conside	ered to be of particular relevance	ciled to understand t	ot in conflict with t he principle or the	he application but ory underlying the	
which is cited to establish the publication date of another cliation or other special reason (as specified) *O' document referring to an oral disclosure, use, exhibition or other means *P' document published prior to the international filing date but later than the priority date claimed *Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&' document of particular relevance; the claimed invention cannot be considered to involve an invention cannot be considered to invention cannot be con	filing da	ale	cannot be considered novel or cannot be considered to			
other means P" document published prior to the international filing date but later than the priority date claimed "A document published prior to the international filing date but later than the priority date claimed "A document member of the same patent family	which is cliation	s ciled to establish the publication date of another or other special reason (as specified)	"Y" document of particular relevance: the claimed invention			
*&" document member of the same patent family	other m	eans	ments, such combined with one or more other such docu- ments, such combination being obvious to a person skilled			
Date of the actual completion of the international search Date of mailing of the international search report .	later tha	an the priority date claimed				
	Date of the a	ctual completion of the international search	Date of mailing of the	international searc	ch report	
3 June 2004 25/06/2004	. 3	June 2004	25/06/2004			
Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2	Name and ma	European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Zembery, P		NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl.	Zembery, P			

PCT/EP2004/050036

C (Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/EP2004/050036
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	GB 2 376 605 A (MOTOROLA INC) 18 December 2002 (2002-12-18) abstract	1,4,7-9, 12,15 2,3,5,6,
	page 1, line 7 - line 11 page 3, line 15 -page 5, line 28 page 7, line 24 -page 8, line 17 page 11, line 4 - line 11 page 16, line 8 - line 16 page 18, line 4 - line 6 page 20, line 16 -page 22, line 26 figures 2,4 table 1 claims 3,4,7	10,11, 13,14
Y A	WO 99/02004 A (ERICSSON TELEFON AB L M) 14 January 1999 (1999-01-14) abstract	5,6,13, 14 1-4, 7-12,15
	<pre>page 1, line 3 - line 6 page 6, line 31 -page 7, line 21 claim 4 figures 1,3</pre>	7-12,15
A	US 5 701 585 A (FALLGREN ANNA ET AL) 23 December 1997 (1997-12-23) abstract column 2, line 1 - line 16 column 3, line 32 -column 5, line 33 figures 1-3	1-15

▼Intormation on patent family members

Intertional Application No PCT/EP2004/050036

	t document search report		Publication date		Patent family member(s)		Publication date
US 64	142387 I	B1	27-08-2002	FI AU AU CN EP WO JP NO	970754 734836 6217298 1248359 0962066 9837646 2001511990 994028	B2 A T A2 A2 T	22-08-1998 21-06-2001 09-09-1998 22-03-2000 08-12-1999 27-08-1998 14-08-2001 20-08-1999
GB 23	376605 <i>I</i>	4	18-12-2002	NONE			
WO 99	02004	4	14-01-1999	GB AU AU CA WO US	2327014 749226 8801798 2295297 9902004 6556829	B2 A A1 A1	06-01-1999 20-06-2002 25-01-1999 14-01-1999 14-01-1999 29-04-2003
US 57	701585 <i>A</i>	A	23-12-1997	AU AU BR CA CN EP JP WO	698013 4277296 9509988 2207734 1175342 0797902 10511237 9619088	A A A1 A,B A2	22-10-1998 03-07-1996 30-12-1997 20-06-1996 04-03-1998 01-10-1997 27-10-1998 20-06-1996

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 16,17

The present independent claims 16 and 17 are unclear to such an extent that no meaningful search could be carried out (Article 17(2)(a) and (b)). The reasons are as follows:

The current formulation of independent claims 16 and 17 does not fulfill the requirements of Article 6 PCT as they include an ambiguous reference (i.e. "substantially as hereinbefore described") such that the scope of said claims cannot be precisely determined (see PCT Guidelines, Part II, Chapter 5, Paragraphs 5.32 and 5.38). In particular it is not clear to which technical features the term "as hereinbefore described" refers.

In addition, independent claims 16 and 17 rely on references to drawings (i.e. expression "with reference to accompanying drawings"), which is not allowable, see Rule 6.2(a) PCT and also PCT Guidelines, Part II, Chapter 5, Paragraph 5.10.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.



Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 16,17 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
*
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

THIS PAGE BLANK (USPTO)